


```
PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW  RRRRRRRR  IIIIII  RRRRRRRR  FFFFFFFFFF  GGGGGGGG
PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW  RRRRRRRR  IIIIII  RRRRRRRR  FFFFFFFFFF  GGGGGGGG
PP      PP  AA      AA  SS      WW      WW  RR      RR  II      RR      RR  FF      GG
PP      PP  AA      AA  SS      WW      WW  RR      RR  II      RR      RR  FF      GG
PP      PP  AA      AA  SS      WW      WW  RR      RR  II      RR      RR  FF      GG
PPPPPPPP      AA      AA  SSSSSS  WW      WW  RRRRRRRR  IIIIII  RRRRRRRR  FFFFFFFF  GG
PPPPPPPP      AA      AA  SSSSSS  WW      WW  RRRRRRRR  IIIIII  RRRRRRRR  FFFFFFFF  GG
PP      AAAAAAAAAA      SS  WW      WW  RR      RR  II      RR      RR  FF      GG  GGGGGG
PP      AAAAAAAAAA      SS  WW      WW  RR      RR  II      RR      RR  FF      GG  GGGGGG
PP      AA      AA  SS      WWW      WWW  RR      RR  II      RR      RR  FF      GG  GG
PP      AA      AA  SS      WWW      WWW  RR      RR  II      RR      RR  FF      GG  GG
PP      AA      AA  SSSSSSSS  WW      WW  RR      RR  IIIIII  RR      RR  FF      GGGGGG
PP      AA      AA  SSSSSSSS  WW      WW  RR      RR  IIIIII  RR      RR  FF      GGGGGG

LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLLLL  IIIIII  SSSSSSSS
```



```
1 0001 0 MODULE PASSWRITE_REALF_G ( %TITLE 'Write a G_floating in F format'
2 0002 0 IDENT = '1-003' ! File: PASWRIRFG.B32 Edit: MDL1003
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Pascal Language Support
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains procedures which write a G_floating in
36 0036 1 fixed-point notation to a textfile or string.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 1-April-1981
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 1-April-1981
45 0045 1 1-002 - Make total-width a longword. SBL 30-June-1982
46 0046 1 1-003 - Allocate 6 longwords for ARG_LIST, not 5. MDL 19-Jul-1984
47 0047 1 --
48 0048 1
```

PASSWRITE_REALF Write a G_floating in F format
1-003 Declarations

K 8
16-Sep-1984 02:24:54
14-Sep-1984 12:52:07

VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASWRIRFG.B32;1

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```

50      0049 1 %SBTTL 'Declarations'
51      0050 1
52      0051 1 PROLOGUE DEFINITIONS:
53      0052 1
54      0053 1
55      0054 1 REQUIRE 'RTLIN:PASPROLOG';
56      0118 1
57      0119 1
58      0120 1 TABLE OF CONTENTS:
59      0121 1
60      0122 1
61      0123 1 FORWARD ROUTINE
62      0124 1 PASSWRITE_REALF_G: NOVALUE,
63      0125 1 PASSWRITEV_REALF_G: NOVALUE;
64      0126 1
65      0127 1
66      0128 1 MACROS:
67      0129 1
68      0130 1 NONE
69      0131 1
70      0132 1 EQUATED SYMBOLS:
71      0133 1
72      0134 1 NONE
73      0135 1
74      0136 1 FIELDS:
75      0137 1
76      0138 1 NONE
77      0139 1
78      0140 1 OWN STORAGE:
79      0141 1
80      0142 1 NONE
81      0143 1

! Externals, linkages, PSECTs, structures

! Write to textfile
! Write to string
```



```

83      0144 1 %SBTTL 'PASSWRITE_REALF G - Write G_floating in F format to textfile'
84      0145 1 GLOBAL ROUTINE PASSWRITE_REALF_G (
85      0146 1     PFV: REF SPASSPFV_FILE_VARIABLE,      ! File variable
86      0147 1     VALUE_0, VALUE 1,                    ! Value to write
87      0148 1     TOTAL_WIDTH: SIGNED,                  ! Total field width
88      0149 1     FRAC_DIGITS: SIGNED,                  ! Digits in fraction
89      0150 1     ERROR                                ! Error unwind address
90      0151 1 ): NOVALUE =
91      0152 1
92      0153 1 ++
93      0154 1 FUNCTIONAL DESCRIPTION:
94      0155 1
95      0156 1     This procedure writes a G_floating value in fixed-point notation
96      0157 1     to the specified textfile.
97      0158 1
98      0159 1 CALLING SEQUENCE:
99      0160 1
100     0161 1     CALL PASSWRITE_REALF_G (PFV.mr.r, VALUE.rg.v, TOTAL_WIDTH.rl.v
101     0162 1     , FRAC_DIGITS.rl.v [, ERROR.ja.r])
102     0163 1
103     0164 1 FORMAL PARAMETERS:
104     0165 1
105     0166 1     PFV          - The Pascal File Variable (PFV) passed by reference.
106     0167 1     The structure of the PFV is defined in PASPFV.REQ.
107     0168 1
108     0169 1     VALUE       - The G_floating value to write, by immediate value.
109     0170 1     Note that this takes up two argument list positions.
110     0171 1
111     0172 1     TOTAL_WIDTH - Total field width.
112     0173 1
113     0174 1     FRAC_DIGITS - Number of digits in fraction.
114     0175 1
115     0176 1     ERROR       - Optional. Address to unwind to if an error occurs.
116     0177 1
117     0178 1 IMPLICIT INPUTS:
118     0179 1
119     0180 1     NONE
120     0181 1
121     0182 1 IMPLICIT OUTPUTS:
122     0183 1
123     0184 1     NONE
124     0185 1
125     0186 1 ROUTINE VALUE:
126     0187 1
127     0188 1     NONE
128     0189 1
129     0190 1 SIDE EFFECTS:
130     0191 1
131     0192 1     If the file is the standard file OUTPUT, it is implicitly opened.
132     0193 1
133     0194 1 SIGNALLED ERRORS:
134     0195 1
135     0196 1     LINTOOLON - Line too long
136     0197 1     NEGWIDDIG - negative Width or Digits specification is not allowed
137     0198 1
138     0199 1 --
139     0200 1

```

```
140      0201 2 BEGIN
141      0202 2
142      0203 2 BUILTIN
143      0204 2 ACTUALCOUNT;
144      0205 2
145      0206 2 LOCAL
146      0207 2 FCB: REF $PASSFCB CONTROL_BLOCK,      ! File control block
147      0208 2 FIELD_WIDTH: SIGNED,                  ! Minimum/actual width
148      0209 2 REMAINING_WIDTH,                        ! Maximum width
149      0210 2 PFV_ADDR: VOLATILE,                     ! Enable argument
150      0211 2 UNWIND_ACT: VOLATILE,                   ! Enable argument
151      0212 2 ERROR_ADDR: VOLATILE;                  ! Enable argument
152      0213 2
153      0214 2
154      0215 2 ENABLE
155      0216 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
156      0217 2
157      0218 2 !+
158      0219 2 ! Get ERROR parameter, if present.
159      0220 2 !-
160      0221 2 IF ACTUALCOUNT () GEQU 6
161      0222 2 THEN
162      0223 2 ERROR_ADDR = .ERROR; ! Set unwind address
163      0224 2
164      0225 2 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
165      0226 2
166      0227 2 !+
167      0228 2 ! Validate PFV and get PFV.
168      0229 2 !-
169      0230 2
170      0231 2 PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
171      0232 2
172      0233 2 !+
173      0234 2 ! Set unwind action to unlock file.
174      0235 2 !-
175      0236 2
176      0237 2 UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
177      0238 2
178      0239 2 !+
179      0240 2 ! Do common initialization.
180      0241 2 !-
181      0242 2
182      0243 2 PASS$INIT_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
183      0244 2
184      0245 2 !+
185      0246 2 ! Get minimum and maximum widths. Check for invalid width or digits values.
186      0247 2 !-
187      0248 2 FIELD_WIDTH = .TOTAL_WIDTH;
188      0249 2 IF (.FIELD_WIDTH LSS 0) OR (.FRAC_DIGITS LSS 0)
189      0250 2 THEN
190      0251 2 $PASS$IO_ERROR (PASS$NEGWIDDIG, 0);
191      0252 2 REMAINING_WIDTH = .FCB [FCB$A_RECORD_END] - .FCB [FCB$A_RECORD_CUR];
192      0253 2
193      0254 2 !+
194      0255 2 ! Do the convert. If it fails, signal an error.
195      0256 2 !-
196      0257 2
```



```

: 197      0258 2      IF NOT PASSCVT_G_T (VALUE_0,      ! Value to convert
: 198      0259      .FCB [FCB$A_RECORD_CUR],      ! Destination
: 199      0260      FIELD_WIDTH,      ! Minimum/actual width
: 200      0261      .REMAINING_WIDTH,      ! Maximum width
: 201      0262      .FRAC_DIGITS)      ! Fraction digits
: 202      0263      THEN
: 203      0264      $PASSIO_ERROR (PASS_LINTOOLON,1,(.FIELD_WIDTH-.REMAINING_WIDTH));
: 204      0265
: 205      0266      !+
: 206      0267      ! Advance buffer pointer.
: 207      0268      !-
: 208      0269
: 209      0270      FCB [FCB$A_RECORD_CUR] = .FCB [FCB$A_RECORD_CUR] + .FIELD_WIDTH;
: 210      0271
: 211      0272      !+
: 212      0273      ! Call WRITE epilogue routine to move the last character written to the
: 213      0274      ! user's buffer and to unlock the file variable.
: 214      0275      !-
: 215      0276
: 216      0277      PASS$END_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]);
: 217      0278
: 218      0279      RETURN;
: 219      0280
: 220      0281 1      END;

```

! End of routine PASSWRITE_REALF_G

.TITLE PASSWRITE_REALF_G Write a G_floating in F forma
 t

.IDENT \1-003\

.EXTRN PASSWRITE_REALF_G
 .EXTRN PASSWRITE_REALF_G
 .EXTRN PASS\$IO_HANDLER
 .EXTRN PASS\$VALIDATE_PFV
 .EXTRN PASS\$INIT_WRITE
 .EXTRN PASS\$SIGNAL, PASS\$K_NEGWIDDIG
 .EXTRN PASSCVT_G_T, PASS\$K_LINTOOLON
 .EXTRN PASS\$END_WRITE

.PSECT _PASSCODE,NOWRT, SHR, PIC,2

.ENTRY PASSWRITE_REALF_G, Save R2,R3,R4,R5,R6,R7,- : 0145
 R8

58	00000000G	00	9E	00002	MOVAB	PASS\$SIGNAL, R8	
5E		10	C2	00009	SUBL2	#16, SP	
	04	AE	7C	0000C	CLRQ	ERROR_ADDR	0201
	0C	AE	D4	0000F	CLRL	PFV_ADDR	
6D	006F	CF	DE	00012	MOVAL	5\$,-(FP)	
06		6C	91	00017	CMPB	(AP), #6	0221
		05	1F	0001A	BLSSU	1\$	
04	AE	18	AC	D0 0001C	MOVL	ERROR, ERROR_ADDR	0223
56	04	AC	D0	00021 1\$:	MOVL	PFV, R6	0225
0C	AE	56	D0	00025	MOVL	R6, PFV_ADDR	
	00000000G	00	16	00029	JSB	PASS\$VALIDATE_PFV	0231
08	AE	01	D0	0002F	MOVL	#1, UNWIND_ACT	0237
	00000000G	00	16	00033	JSB	PASS\$INIT_WRITE	0243
6E	10	AC	D0	00039	MOVL	TOTAL_WIDTH, FIELD_WIDTH	0248

PASSWRITE_REALF Write a G_floating in F format
1-003

PASSWRITE_REALF_G - Write G_floating in F format

B 9
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14-Sep-1984 12:52:07

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[PASRTL.SRC]PASWRIRFG.B32;1

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			05	19	0003D	BLSS	2\$		
		14	AC	D5	0003F	TSTL	FRAC_DIGITS		0249
			0A	18	00042	BGEQ	3\$		
			7E	D4	00044	CLRL	-(SP)		0251
	7E		8F	9A	00046	MOVZBL	#PASSK_NEGWIDDIG, -(SP)		
	68		02	FB	0004A	CALLS	#2, PASS\$SIGNAL		
				04	0004D	RET			
52	F0	A7	EC	A7	C3	0004E	3\$:	SUBL3	-20(FCB), -16(FCB), REMAINING_WIDTH
			14	AC	DD	00054		PUSHL	FRAC_DIGITS
				52	DD	00057		PUSHL	REMAINING_WIDTH
			08	AE	9F	00059		PUSHAB	FIELD_WIDTH
			EC	A7	DD	0005C		PUSHL	-20(FCB)
			08	AC	9F	0005F		PUSHAB	VALUE 0
	00000000G	00		05	FB	00062		CALLS	#5, PASS\$CVT_G_T
		0E		50	E8	00069		BLBS	R0, 4\$
7E		6E		52	C3	0006C		SUBL3	REMAINING_WIDTH, FIELD_WIDTH, -(SP)
				01	DD	00070		PUSHL	#1
		7E		8F	9A	00072		MOVZBL	#PASSK_LINTOOLON, -(SP)
		68		03	FB	00076		CALLS	#3, PASS\$SIGNAL
					04	00079		RET	
		EC	A7	6E	C0	0007A	4\$:	ADDL2	FIELD_WIDTH, -20(FCB)
				00	16	0007E		JSB	PASS\$END_WRITE
					04	00084		RET	
					0000	00085	5\$:	.WORD	Save nothing
		50	08	AC	D0	00087		MOVL	8(AP), R0
		50	04	A0	D0	0008B		MOVL	4(R0), R0
			F4	A0	9F	0008F		PUSHAB	ERROR_ADDR
			F8	A0	9F	00092		PUSHAB	UNWIND_ACT
			FC	A0	9F	00095		PUSHAB	PFV_ADDR
				03	DD	00098		PUSHL	#3
				5E	DD	0009A		PUSHL	SP
		7E	04	AC	7D	0009C		MOVQ	4(AP), -(SP)
	00000000G	00		03	FB	000A0		CALLS	#3, PASS\$IO_HANDLER
				04	000A7			RET	

; Routine Size: 168 bytes, Routine Base: _PASS\$CODE + 0000

: 221 0282 1
: 222 0283 1 !<BLF/PAGE>


```

: 224 0284 1 %SBTTL 'PASSWRITEV_REALF_G - Write REALF_G to string'
: 225 0285 1 GLOBAL ROUTINE PASSWRITEV_REALF_G (
: 226 0286 1     MAX_LENGTH: WORD,           ! Maximum length of string
: 227 0287 1     STRING_LINE: REF VECTOR [, WORD], ! String to write to
: 228 0288 1     VALUE0,VALUE1,           ! Value to write
: 229 0289 1     TOTAL_WIDTH: SIGNED,     ! Total field width
: 230 0290 1     FRAC_DIGITS: SIGNED,     ! Fraction digits
: 231 0291 1     ERROR                   ! Error unwind address
: 232 0292 1 ) : NOVALUE =
: 233 0293 1
: 234 0294 1 ++
: 235 0295 1 FUNCTIONAL DESCRIPTION:
: 236 0296 1
: 237 0297 1     This procedure writes a G_floating in fixed-point format
: 238 0298 1     to the specified string.
: 239 0299 1
: 240 0300 1 CALLING SEQUENCE:
: 241 0301 1
: 242 0302 1     CALL PASSWRITEV_REALF_G (MAX_LENGTH.rw.v, STRING_LINE.wvt.r,
: 243 0303 1     VALUE.rg.v, TOTAL_WIDTH.rl.v, FRAC_DIGITS.rl.v [, ERROR.j.r])
: 244 0304 1
: 245 0305 1 FORMAL PARAMETERS:
: 246 0306 1
: 247 0307 1     MAX_LENGTH      - The maximum length of STRING_LINE.
: 248 0308 1
: 249 0309 1     STRING_LINE   - A varying string to which the output will be appended.
: 250 0310 1
: 251 0311 1     VALUE        - The value to write. Note that it is passed by immediate
: 252 0312 1                     value in two argument positions.
: 253 0313 1
: 254 0314 1     TOTAL_WIDTH  - The width of the field to write.
: 255 0315 1
: 256 0316 1     FRAC_DIGITS  - The number of digits in the fraction field.
: 257 0317 1
: 258 0318 1     ERROR        - Optional. If specified, the address to unwind to
: 259 0319 1                     in case of an error.
: 260 0320 1
: 261 0321 1 IMPLICIT INPUTS:
: 262 0322 1
: 263 0323 1     NONE
: 264 0324 1
: 265 0325 1 IMPLICIT OUTPUTS:
: 266 0326 1
: 267 0327 1     NONE
: 268 0328 1
: 269 0329 1 ROUTINE VALUE:
: 270 0330 1
: 271 0331 1     NONE
: 272 0332 1
: 273 0333 1 SIDE EFFECTS:
: 274 0334 1
: 275 0335 1     NONE
: 276 0336 1
: 277 0337 1 SIGNALLED ERRORS:
: 278 0338 1
: 279 0339 1     See PASSWRITE_REALF_G
: 280 0340 1

```

PASSWRITE_REALF Write a G floating in F format
1-003 PASSWRITEV_REALF_G - Write REALF_G to string

D 9
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14-Sep-1984 12:52:07

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```

281 0341 1 !--
282 0342 1
283 0343 2 BEGIN
284 0344 2
285 0345 2 LOCAL
286 0346 2 PFV: $PASSPFV FILE VARIABLE, ! Pascal File Variable
287 0347 2 ARG_LIST: VECTOR [5, LONG], ! Argument list
288 0348 2 PFV_ADDR: VOLATILE, ! Enable argument
289 0349 2 UNWIND_ACT: VOLATILE, ! Enable argument
290 0350 2 ERROR_ADDR: VOLATILE; ! Enable argument
291 0351 2
292 0352 2 BUILTIN
293 0353 2 ACTUALCOUNT; ! Count of arguments
294 0354 2
295 0355 2 ENABLE
296 0356 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
297 0357 2
298 0358 2 !+
299 0359 2 ! Get ERROR parameter, if present.
300 0360 2 !-
301 0361 2
302 0362 2 IF ACTUALCOUNT () GEQU 6
303 0363 2 THEN
304 0364 2 ERROR_ADDR = .ERROR; ! Set unwind address
305 0365 2
306 0366 2 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
307 0367 2
308 0368 2 !+
309 0369 2 ! Set up ARG_LIST.
310 0370 2 !-
311 0371 2
312 0372 2 ARG_LIST [0] = 5; ! Five arguments
313 0373 2 ARG_LIST [1] = PFV [PFV$R_PFV]; ! PFV address
314 0374 2 ARG_LIST [2] = .VALUE0; ! Value to write
315 0375 2 ARG_LIST [3] = .VALUE1;
316 0376 2 ARG_LIST [4] = .TOTAL_WIDTH; ! Field width
317 0377 2 ARG_LIST [5] = .FRAC_DIGITS; ! Fraction digits
318 0378 2
319 0379 2 !+
320 0380 2 ! Call PASS$DO_WRITEV to do the work, giving it the address of
321 0381 2 ! PASSWRITE_REALF_G to call.
322 0382 2 !-
323 0383 2
324 0384 2 PASS$DO_WRITEV (PFV [PFV$R_PFV], .MAX_LENGTH, STRING_LINE [0], ARG_LIST,
325 0385 2 PASSWRITE_REALF_G);
326 0386 2
327 0387 2 RETURN;
328 0388 2
329 0389 1 END; ! End of routine PASSWRITEV_REALF_G

```

.EXTRN PASS\$DO_WRITEV

5E 007C 00000
30 C2 00002
7E D4 00005

.ENTRY PASSWRITEV_REALF_G, Save R2,R3,R4,R5,R6 : 0285
SUBL2 #48, SP :
CLRL ERROR_ADDR : 0343

PASSWRITE_REALF Write a G floating in F format
 1-003 PASSWRITEV_REALF_G - Write REALF_G to string

E 9
 16-Sep-1984 02:24:54
 14-Sep-1984 12:52:07

VAX-11 Bliss-32 V4.0-742
 [PASRTL.SRC]PASWRIRFG.B32;1

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		04	AE	7C	00007	CLRQ	UNWIND ACT	
	6D	003E	CF	DE	0000A	MOVAL	2\$, (FP)	
	06		6C	91	0000F	CMPB	(AP), #6	0362
			04	1F	00012	BLSSU	1\$	
	6E	1C	AC	DO	00014	MOVL	ERROR, ERROR_ADDR	0364
08	AE	24	AE	9E	00018	MOVAB	PFV, PFV_ADDR	0366
0C	AE		05	DO	0001D	MOVL	#5, ARG_LIST	0372
10	AE	24	AE	9E	00021	MOVAB	PFV, ARG_LIST+4	0373
14	AE	0C	AC	7D	00026	MOVQ	VALUE0, ARG_LIST+8	0374
1C	AE	14	AC	7D	0002B	MOVQ	TOTAL_WIDTH, ARG_LIST+16	0376
	55	F 24	CF	9E	00030	MOVAB	PASSWRITE_REALF_G, R5	0384
	54	0C	AE	9E	00035	MOVAB	ARG_LIST, R4	
	56	24	AE	9E	00039	MOVAB	PFV, R6	
	53	08	AC	DO	0003D	MOVL	STRING_LINE, R3	
	52	04	AC	3C	00041	MOVZWL	MAX_LENGTH, R2	
		00000000G	00	16	00045	JSB	PASS\$DO_WRITEV	
				04	0004B	RET		0389
				0C00	0004C	.WORD	Save nothing	0343
	50	08	AC	DO	0004E	MOVL	8(AP), R0	
	50	04	A0	DO	00052	MOVL	4(R0), R0	
		CC	A0	9F	00056	PUSHAB	ERROR_ADDR	
		DO	A0	9F	00059	PUSHAB	UNWIND ACT	
		D4	A0	9F	0005C	PUSHAB	PFV_ADDR	
			03	DD	0005F	PUSHL	#3	
			5E	DD	00061	PUSHL	SP	
	7E	04	AC	7D	00063	MOVQ	4(AP), -(SP)	
00000000G	00		03	FB	00067	CALLS	#3, PASS\$IO_HANDLER	
				04	0006E	RET		

; Routine Size: 111 bytes, Routine Base: _PASS\$CODE + 00A8

; 330 0390 1
 ; 331 0391 1 !<BLF/PAGE>

PASSWRITE_REALF Write a G floating in F format
1-003 PASSWRITE_REALF_G - Write REALF_G to string

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: 333 0392 1 END
: 334 0393 1
: 335 0394 0 ELUDOM
! End of module PASSWRITE_REALF_G

PSECT SUMMARY

Name	Bytes	Attributes
_PASSCODE	279	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	0	0	581	00:01.0
_\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1	427	97	22	33	00:00.4

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:PASWRIRFG/OBJ=OBJ\$:PASWRIRFG MSRC\$:PASWRIRFG/UPDATE=(ENH\$:PASWRIRFG)

: Size: 279 code + 0 data bytes
: Run Time: 00:07.4
: Elapsed Time: 00:16.3
: Lines/CPU Min: 3203
: Lexemes/CPU-Min: 12991
: Memory Used: 82 pages
: Compilation Complete

0298 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

PASWIREH
LIS

PASWIREL
LIS

PASWIREG
LIS

PASWISTR
LIS

PATCH

PATDEF
MDL

PASWIREF
LIS

PATCH
MAP

SRMDEF
MDL

PASWIRFH
LIS

PASWIRAR
LIS

PASWIREL
LIS

PASWIRLS
LIS

PASWIRINT
LIS

PASWIRIOCT
LIS

PASWIRFG
LIS

BSTRUC
REQ

PASWIRFF
LIS

CHRKEY
REQ

PASWIRFD
LIS